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Subject: Application number 08-497,997 claims

Mr. Bartuska:

Enclosed in this fax mail is my claims, I followed your directions to the best of my ability insofar as explaining what the elements are, and how each one works, what it does. Also I followed your suggestion and included explanation of the individual housings within the housing of the machine in the beginning first claim. Additionally, in claim 13 I explained the inner solenoid bridged bar doors and how they work.
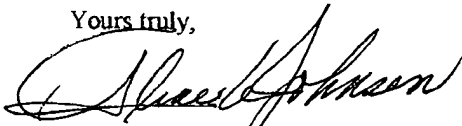
I pray you find my wording correct and acceptable.

Mr. Bartuska, in addition to my claims, I need to speak to you again regarding the art and any other corrections needed, I would appreciate a call from you after you have reviewed this fax mail, I don't mean to be a bother, its just that I need a few more directions and clarifications of my office action received. I know that you told me no capital letters in the beginning of a paragraph, my VDC and CDROM is a computer capital, if this is not acceptable I would like to know, as I will change it.

If you get bogged in with office work, I will probably give you a call on Wednesday if I don't hear from you.

Mr. Bartuska, in closing I thank you very much for you patience, cooperation and understanding in this pertinent matter.

Yours truly,

Alice A Johnson
Patent Applicant

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Having described the present invention I claim:

10. A computer controlled vending machine system that selectively dispenses food

and non food products including:

    a housing, a cpu private housing, a private bank housing,

    a plurality of front door frames with each door frame including a plurality

of individual transparent compartment doors,

    a central computer which operates the vending machine according to a program

of operations and stores data indicative of the performance of the vending machine,

    a modem that can access the data stored in the computer and transmit the data to a

personal computer,

    a plurality of multiple micro coin acceptor units having flip flop circuitry whereby an

insertion of a first coin creates an output toggle pulse to activate the program of operations,

and wherein

    the plurality of coin acceptor units are located in the front door frames with each coin acceptor

unit aligned with a transparent compartment door, and insertion of a predetermined value

of coins in one of the coin acceptor units allows the aligned compartment door to be opened

allowing dispensing of the product.

11. The computer controlled vending machine of claim 10, including coin carrying tracks leading from

coin acceptors, having adaptive means of directing coins into multiple change back units.

12. The computer controlled vending machine of claim 10, including a plurality of change units,

    a segmented subroutine coin catch, hold, sort, divert, and stack coins, subassembly wherein,

    a divider, divert coin chute coin jam, overflow preventive means, changes coin path from stack to

house bank, and

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a micro thumb shaped, binary pulse coded operating interfaced device on each coin stack, counts and controls coin disbursement change back means to consumers, the thumb shaped device utilizes the present or absent of a VDC pulse to hit appropriate coin stacks, in such a manner it causes one coin out per pulse, coins drop from stacks to change back path means of consumer collecting change or return coins, the change units are located in lower inner front, directly beneath each bank of coin acceptors in present invention housing.

13. The computer controlled vending machine of claim 10, including a plurality of race track form reel wheels, and

a plurality of swing type objects shelves, connected thereto providing means of storing products, until selectively purchased, and

a inner solenoid locking bridged bar door, connected to each swing type objects shelf, means— of securing product while orbiting around in swing type object shelf, cpu energizes the solenoid coil, with a VDC signal, means of mechanical motion, the solenoid plunger, providing male portion of lock, of locking bridged bar door is drawn into solenoid tube, means of changing lock state, allowing accessibility means of removing product from swing type-object shelf,

a plurality of VDC stepper motors connected to the structured race track form reel wheel provides controlling means of wheel orbiting around its structure, the VDC stepper motors, interface cpu program of operations, race track reel wheel structure and supporting devices takes housing in inner mid section of present invention housing.

14. The computer controlled vending machine of claim 10, including a plurality of index buttons, whereby, suppressing said index buttons will activate VDC step motors, providing driving power to race track form reel wheels connected shelves, in precise revolutions per seconds, release of index button positions shelves in the individual transparent compartment, allowing stored product to be selectively purchased, the index button is located on each plurality front door frames of present invention housing.

Claims continued
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15. The computer controlled vending machine of claim 10, including a numerical binary coded keypad

peripheral device with a digital display screen, whereby punching in a programmed binary code key,

activates optional service modes of operations, ability to perform a self test diagnostics, provides ease in

loading, and servicing etc., machine on location, this keypad peripheral device takes housing on the inner

wall, mid section of present invention housing.

16. The computer controlled vending machine of claim 10, including software directive programs on

CDROM and or 3.5 floppy diskettes in setup, sample spreadsheets, help tips, and literature written in a

basic computer format, compatible to load on any computer Such as IBM or MAC for operations of

present invention.

17. The computer controlled vending machine of claim 10, including an advisory digital print out message

display screen alerts users options and advisory directions on utilizing present invention, such as coin

deposit errors, a particular row of product needs servicing try another row etc., the advisory digital print

out screen is located in the lower right hand corner of the CPU private housing, located in top front portion

of present invention housing.